Energy meter - taxxo M 45-1

Item No 05.25.0001.1 / EAN Code 4010940044084

PRODUCT DESCRIPTION

The taxxo M 45-1 is an analogue single-phase meter. It is suitable for mounting on DIN rails and takes up very little space in your control cabinet with only one module width. Even without additional power supply, the taxxo M 45-1 reliably displays the counted value at any time, which is why it is used frequently in the private sector.

- Optimal tamper protection through sealable housing
- Signalling of system status via LEDs

APPLICATIONS

- Electrical energy consumption measurement
- Electrical heating facilities
- Installation in industrial and switching facilities
- Office complexes
- Camping and gardening facilities
- Separate areas, e.g. in apartment buildings
- Charging stations for electric cars
- Shopping centres
- Exhibition halls
- Marinas

TECHNICAL DATA

Electrical Data	
Interface	S0
Supply voltage	AC 230 V ± 20 % 50-60 Hz
Phase	1
Withstand voltage at mains frequency	4 kV
Rated impulse withstand voltage (Uimp)	6 kV
Impulse voltage	DC 12 - 27 V
###	5 A
Initial current	0.004 Ib
Maximum current (Imax)	45 A
Minimum current (Imin)	0,25 A
Impulse current	27 mA
Impulse	1,000 Impulse/kWh
Impulse duration	90 ms
Power consumption	8 VA
Power loss	0,4 W
Accuracy class	1

Power connection	
Device	Latching screw with wire protection 4 mm² ... 6 mm²
Cable length	20 m

Communication method	
Wired	2-wire
Status indicator	LED

Operating specifications	
Tempering protection	Lead-sealable

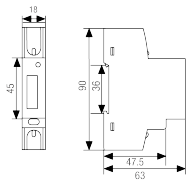
Display and format	
Consumption indicator	Analogue (6 digits)
	kWh
Status indicator	Pulse indicator (LED)
	Sensor status indicator

Operating conditions	
Temperature (operation)	-20° C ... +65° C

General specifications	
Number of modules	1
Colour	Gray
Dimension	118 x 17,5 x 63 mm
Mounting	DIN rail

Compliance with standards	
Protection type	IP51
Protection class	II, according to corresponding mounting
Approval mark	CE
Standards and guidelines	DIN 43684
	IEC 62052-11
	IEC 62053-21

DIMENSIONAL DRAWINGS



CIRCUIT DIAGRAMS